



<Randy_Merchant@doh.state.fl.us>

11/05/2007 08:47 AM

To <Bill_Passetti@doh.state.fl.us>, Brad Jackson/R4/USEPA/US@EPA

cc

bcc

Subject FW: EPA's phosphate list

FYI. Randy

From: One of the Grimms [mailto:luada@embarqmail.com]

Sent: Monday, November 05, 2007 6:27 AM

To: Skye, Susan A; Merchant, E Randy; Grimm, Lu S; Sekerke, Joe; Tull, Elizabeth D; Garrett, Connie; Hughes, Brian J; Morse, Laura L

Cc: Lynn Wilder; Jennifer Freed; Carl Blair; Bob Safay; Benjamin Moore; Youlanda Outin; Shaun Crawford

Subject: EPA's phosphate list

DeSoto Sun-Herald, 11/05/07

EPA's phosphate list

The U.S. Environmental Protection Agency has placed 21 phosphate mining or chemical plant sites in Florida on a list to be evaluated to determine if they qualify for Superfund cleanups. The list names the companies that owned the sites at the time contamination was discovered. Here's the list:

1. Borden Chemical's Tenoroc Mine, more than 6,000 acres located on Saddle Creek near Auburndale. Radionuclides and heavy metals found at elevated levels, according to a 2001 EPA draft report that has yet to be accepted.
2. Agrico-Chemical's Saddle Creek Mine, 9,714 acres located on Saddle Creek near Lakeland. Because there are a "large number" of private wells within 3 miles, a site inspection was recommended on a "high-priority" basis in 1991.
3. Agrico-Chemical's South Pierce Mine.
4. Brewster Lonesome Mine.
5. Central Phosphates -- Plant City Chemical Complex. Due to contamination from both seepage and a 1969 dike failure, the surficial and upper Floridan aquifers had increased levels of fluoride, sodium, gross alpha radiation, heavy metals, sulfate, total dissolved solids, and nutrient compounds in excess of guidance concentrations or state and federal drinking water standards.
6. Estech General Chemicals Silver City Mine, six miles south of Bartow. Contamination of groundwater suspected from two plumes.
7. Estech-Watson mine.
8. Farmland Industries Green Bay chemical plant. In 1988, a consent order was proposed for contamination of the surficial aquifer. Several monitoring wells contained elevated levels of chromium, radium-226, radium-228 and gross alpha radioactivity.



10765705

9. Gardner Inc. Fort Meade Mine.

10. W.R. Grace Four Corners Mine.

11. W.R. Grace Bonny Lake Mine near Bartow. Extensive sampling at the facility indicates widespread groundwater contamination of the surficial and intermediate aquifers downstream of the facility. Water quality standards have been exceeded for acidity, gross alpha radiation, radium-226, radium-228, iron, manganese, dissolved solids, sulfate, cadmium, chromium, lead and fluoride.

12. Haynesworth Mine, Brewster Plant.

13. IMC Clear Springs Mine.

14. IMC Phosphates Palmetto Mine.

15. IMC Phosphates Payne Creek Mine.

16. International Mineral & Chemicals Kingsford Mine.

17. Mobil Fort Meade Mine. In 1982, Mobil reported that cadmium, lead, fluoride and coliforms exceeded maximum contaminant levels in some surface waters.

18. Mobil Chemical Electro-Phosphate, Mulberry. Samples collected by Mobil contained arsenic, cyanide, fluoride, nitrate, nitrogen and radium.

19. Mulberry Phosphates' plants in Palmetto and Mulberry. Company went bankrupt in 2002 and left state with closure responsibility.

20. Sydney Mine sludge ponds.

21. U.S. Agrichem.

[Spam](#)

[Not spam](#)

[Forget previous vote](#)